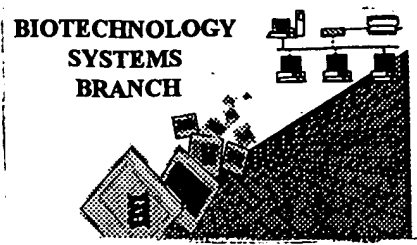


0570  
0530



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/080,608  
Source: OPE  
Date Processed by STIC: 5/31/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom:

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,608

DATE: 05/31/2002

TIME: 11:48:03

Input Set : A:\8471-010-999.txt

Output Set: N:\CRF3\05312002\J080608.raw

*pg 1-4*  
**Does Not Comply**  
**Corrected Diskette Needed**

4 <110> APPLICANT: Makowski, Lee  
 5 Hyman, Paul  
 6 Williams, Mark  
 9 <120> TITLE OF INVENTION: STAGED ASSEMBLY OF NANOSTRUCTURES  
 12 <130> FILE REFERENCE: 8471-010-999  
 14 <140> CURRENT APPLICATION NUMBER: 10/080,608  
 C--> 15 <141> CURRENT FILING DATE: 2002-05-20  
 17 <160> NUMBER OF SEQ ID NOS: 180  
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

6081 <210> SEQ ID NO: 123  
 6082 <211> LENGTH: 10  
 E--> 6083 <212> TYPE: Artificial  
 W--> 6084 <220> FEATURE:  
 6085 <223> OTHER INFORMATION: Theoretical sequence  
 W--> 6087 <213> ORGANISM:  
 6087 <400> SEQUENCE: 123  
 6088 gagcctccag

*See next page*

10

10/080008 2

<210> 123  
<211> 10  
<213> ~~<212>~~ Artificial  
<220>  
<223> Theoretical sequence  
  
<400> 123  
gagcctccag

→ <212> Per Sequence Rules, the only valid responses are DNA or RNA. Use DNA for a combined DNA/RNA sequence, and

10

Explain in  
<2207-22237  
section

see pp 3-4 for more know

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<210> 134

<211> 10

<212> DNA

<213> Artificial

<220> Theoretical sequence

<223> ← move to <2237 line

<400> 134

cgaaataggt

<220> never has a response. It is a "header" only.

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4

<210> 143  
<211> 18  
<212> DNA  
<213> Artificial  
<220>  
<223> Theoretical sequence

FYI:

n can only represent a single nucleotide. See

<220>  
<221> misc\_feature  
<222> 8, 9, 10, 11

<223> n = residues with no base essentially glycines that allow the PNA to fold back on itself to form the triple helix

1.822 of

sequence

<400> 143  
ccccccnnn nccccccc

↑

18

Ruber

This explanation  
is shown in several sequences  
in submitted Sequence Listing.

FYI

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.